

EXPRESS MAIL NO. EV162980402US

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SEMIDIGITAL DELAY-LOCKED LOOP USING AN ANALOG-BASED FINITE STATE MACHINE**

the specification of which (check one)

X is attached hereto.

\_\_\_ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority Claimed
_____	_____	_____	___ Yes___ No
(Number)	(Country)	(Day/Month/Year)	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____	_____	_____
(Application Serial #)	(Filing Date)	(Status)

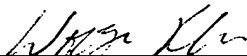
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Rafael Perez-Pineiro (Reg. 46,041).

Send correspondence to: **USPTO Customer Number 35526**, Duke W. Yee, Carstens, Yee & Cahoon, LLP, P.O. Box 802334, Dallas, Texas 75380 and direct all telephone calls to Duke W. Yee, (972) 367-2001.

FULL NAME OF SOLE OR FIRST INVENTOR: Woogeun Rhee

INVENTORS SIGNATURE:  DATE: 10/24/2003

RESIDENCE: 207 Beech Court  
Norwood, New Jersey 07648

CITIZENSHIP: Republic of Korea

POST OFFICE ADDRESS: Same as above

FULL NAME OF SECOND INVENTOR: Sergey V. Rylov

INVENTORS SIGNATURE:  DATE: 10/24/2003

RESIDENCE: 63 Upland Avenue  
White Plains, New York 10604-2338

CITIZENSHIP: Russia

POST OFFICE ADDRESS: Same as above

FULL NAME OF THIRD INVENTOR: Daniel Friedman

INVENTORS SIGNATURE: *Daniel J. Friedman* DATE: 10/24/03

RESIDENCE: 63 Fremont Road  
Sleepy Hollow, New York 10591

CITIZENSHIP: United States of America

POST OFFICE ADDRESS: Same as above

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Friedman et al.	§	Group Art Unit: Not Assigned
Serial No.: Not Assigned	§	Examiner: Not Assigned
Filed: <u>October 29, 2003</u>	§	Attorney Docket No.: YOR920030387US1
For: Semidigital Delay-Locked	§	
Loop Using an Analog-Based		
Finite State Machine	§	

ASSOCIATE POWER OF ATTORNEY

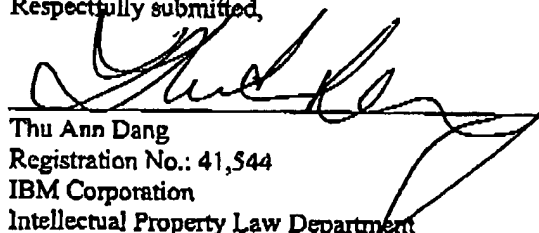
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby appoint Duke W. Yee, Reg. No. 34,285; Stephen J. Walder, Jr., Reg. No. 41,534; Stephen R. Tkacs, Reg. No. 46,430; Lisa L.B. Yociss, Reg. No. 36,975; Patrick Holmes, Reg. No. 46,380; Wayne P. Bailey, Reg. No. 34,289; Cathrine K. Kinslow, Reg. No. 51,886; Richard J. Moura, Reg. No. 34,883; and Steven T. McDonald, Reg. No. 45,999, USPTO Customer Number 35526, located at P.O. Box 802334, Dallas, Texas, 75380, telephone 972/367-2001, as associate attorneys to prosecute the above-identified application and transact business in the U.S. Patent and Trademark Office connected herewith. This appointment does not revoke the previous Power of Attorney for this case.

Date: 10/27/03

Respectfully submitted,

  
Thu Ann Dang  
Registration No.: 41,544  
IBM Corporation  
Intellectual Property Law Department  
PO Box 218  
Yorktown Heights, NY 10598